

"Figuratively Speaking"

An average bushel of soybeans weighs 60 pounds. Of each bushel, 80 percent becomes soybean meal and 20 percent is processed as soy oil.

1. How many pounds of soybean meal are produced from each bushel?

48 pounds ($60 \times .80$)

2. How many pounds of oil are produced from the same bushel?

12 pounds ($60 \times .20$)

3. If one pound of soy oil will fill a one-quart bottle half full, how many quarts of oil will be produced by a single bushel?

6 quarts ($12 \div 2$)

4. Eddie and Jodi sold 430 eight-ounce bags of soynuts at \$.75 per bag before the basketball game. How many pounds of roasted soynuts were sold? (hint: 16 oz. = one lb.)

215 pounds ($430 \div 2$)

5. How much money did Eddie and Jodi make from selling the soynuts?

\$322.50 ($430 \times .75$)

6. How much would 50 bushels of soybeans weigh?

3,000 pounds (60×50)

7. How many pounds of soybean meal would come from 50 bushels of soybeans?

2,400 pounds (48×50)

8. How many pounds of soybean oil would come from 50 bushels of soybeans?

600 pounds (12×50)

9. An acre produces about 38.5 bushels of soybeans. How much would 38.5 bushels of soybeans weigh?

2,310 pounds (38.5×60)

10. How many bushels of soybeans would be produced on 200 acres?

7,700 bushels (200×38.5)